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BY	CLASS: SUBCLASS:
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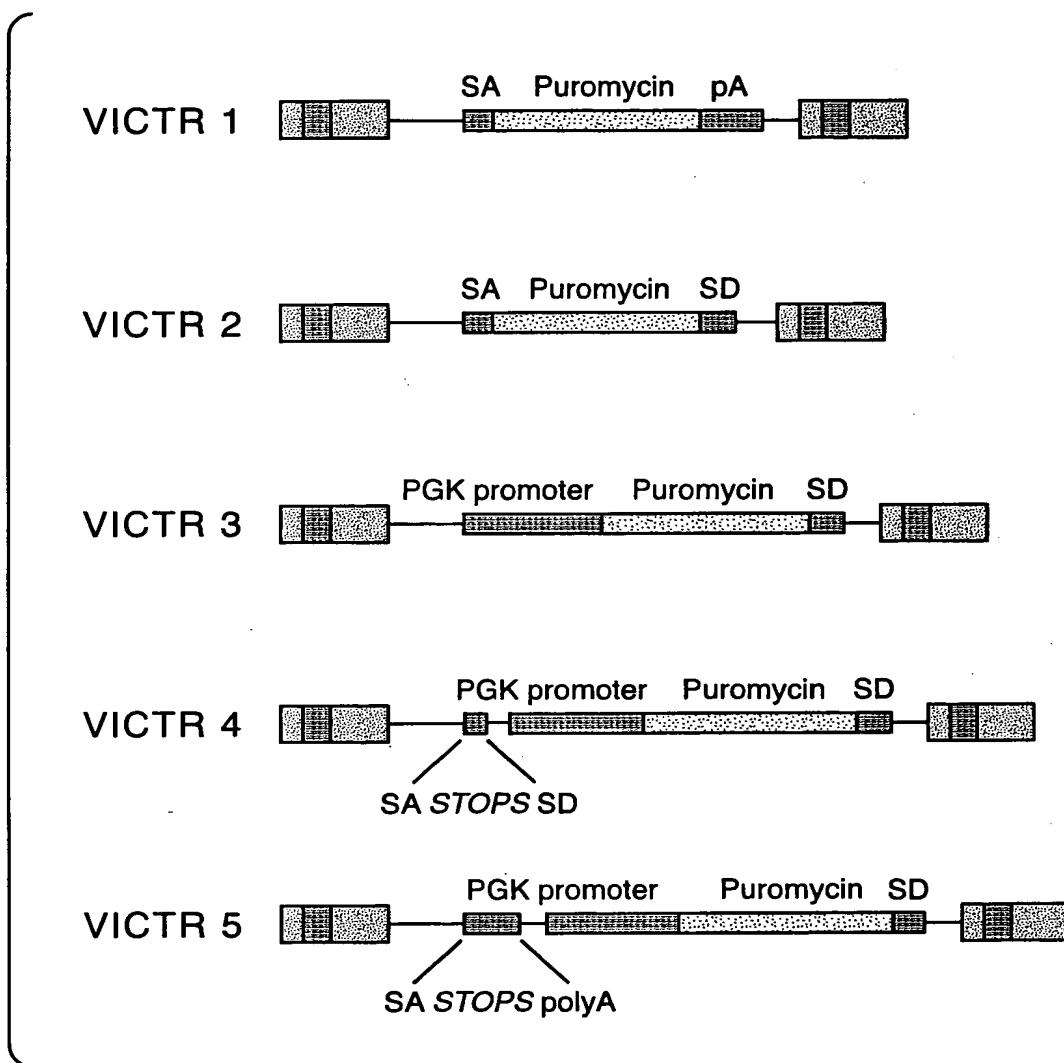


FIG. 1

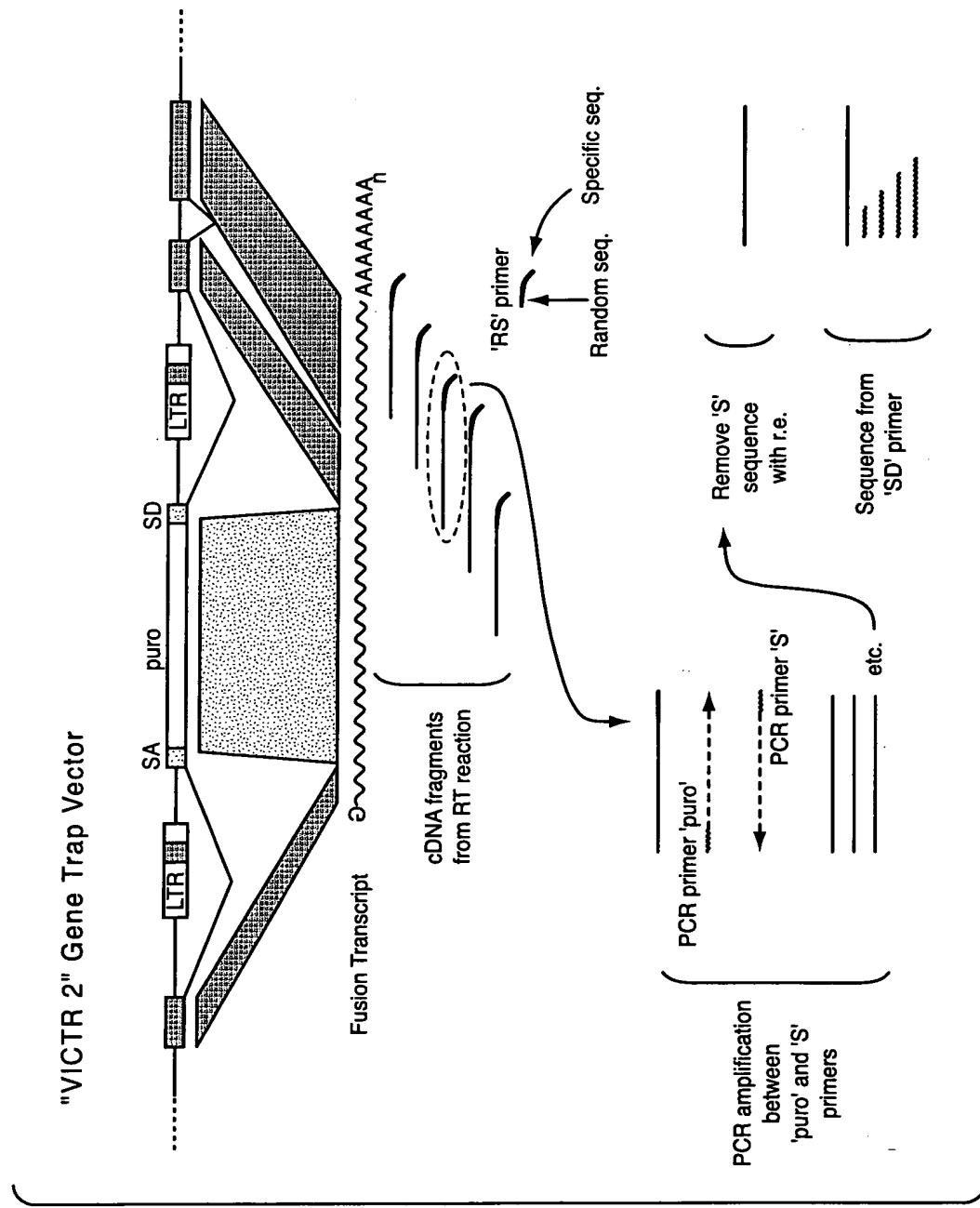


FIG. 2

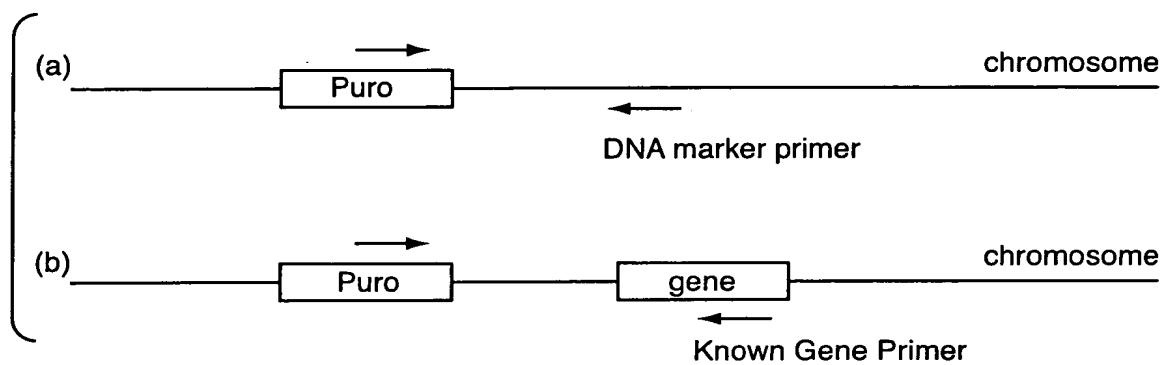


FIG. 3

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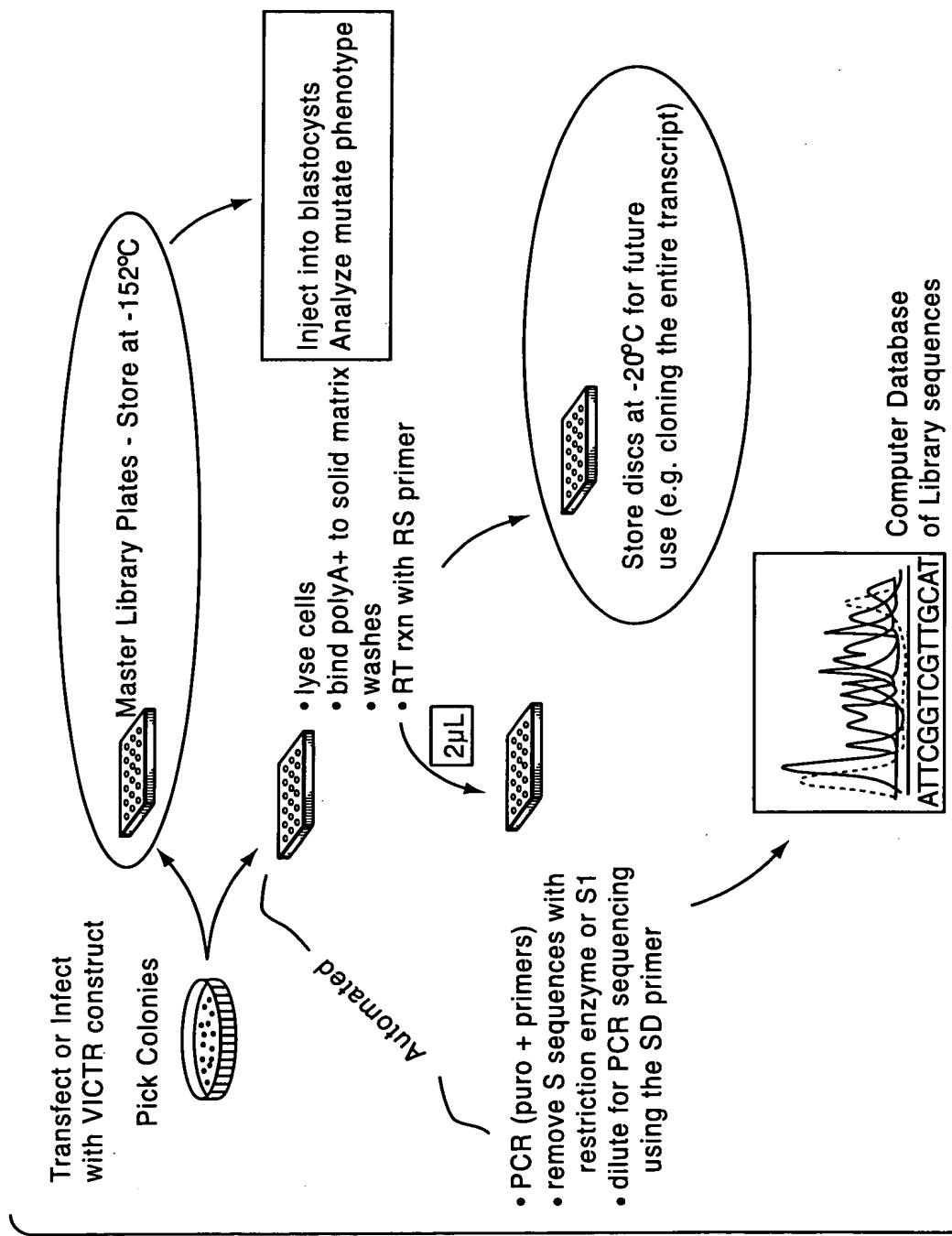
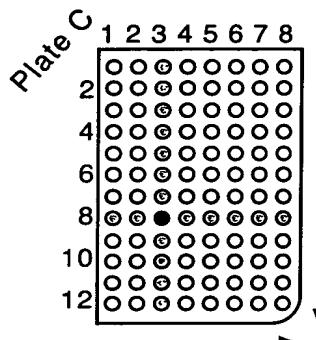


FIG. 4

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Identify Positive Pool

To screen all mouse genes (~100,000) with 5-fold redundancy would require about 50 plates of 96-wells (at 100 clones/well).

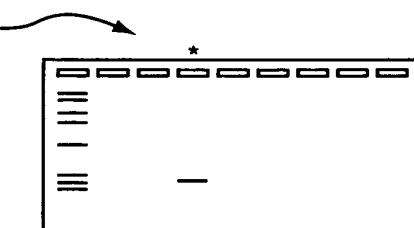


- ① Pool columns
 $(100 \text{ clones/well})(12 \text{ wells}) = 1200 \text{ clones per rxn.}$
 $(50 \text{ plates})(8 \text{ columns/plate}) = 400 \text{ initial rxns.}$

Plate C. columns 3 was positive

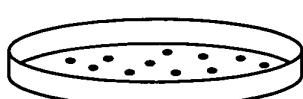
- ② Pool positive rows only
8 rxns per positive plate

Row 8 was positive

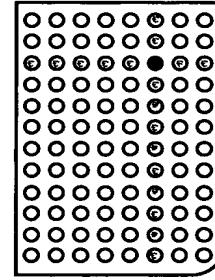


Identify Positive Clone

The pool on plate C, column 3, row 8 is thawed and plated as single clones:



- ① Pick 96 colonies into two 96-well plates



- ② Pool columns (16) and rows (24) for 40 rxns to identify positive clone.

FIG. 5

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OST1 (SEQ ID NO.: 1): rat GABA rho3 (SEQ ID NO.: 2):	248 TTTATATAATTAAATTGGTTTACTGGGTATATATGTGAAGGACTTCT 302 1547 TTTACATAATTAAATTGGTTTACTGGGTATATATGTGAAGGACTTTT 1601
OST2 (SEQ ID NO.: 3): mouse TCR-ATF1 (SEQ ID NO.: 4):	56 ACGGTTGGGAGGCTCACGGTTCTCACAGATAGTACATCAGGTGTCATCGNTGTCAAGAAGGT 115 75 ACGGTTGGGGGCTCACGGTTCTCACAGATAGTACATCAGGTGTCATCGTTATCAGAAAGT 134
OST3 (SEQ ID NO.: 5): Yeast ORF G9365 (SEQ ID NO.: 6):	58 GIGMHAGLHERDRKTVELIFNCKVQVL IATSTLAWGVNFPAHLVI IKGTETYTDGKTRR 237 1430 GIGLHHAGL VQKDRSI SHQLFQKNKIQI L IATSTLAWGVNPAHLVI IKGTQFFDAKIEG 1489
OST4 (SEQ ID NO.: 7): seq. from US Patent 5470724 (SEQ ID NO.: 8):	137 GCGCAGAAGTGGTNTGGAAANTTTCCGCNCATCCAGTCTATTAAATTGRTGACNGGA 196 166 GCGCAGAAGTGGTCTGGCAACTTTATCGCCTCCATCCAGTCTATTAAATTGRTGCGGGAA 225
OST5 (SEQ ID NO.: 9): mouse wnt-5A protein precursor (SEQ ID NO.: 10):	108 TCWRLGT*RXVGASLEYEYTRAS 179 250 TCWLQLADFRKVGDALKYTDAAA 273
OST6 (SEQ ID NO.: 11): human prolyl endopeptidase (SEQ ID NO.: 12):	78 CTTATATGGCTACGGGGCTCAACATCTCCATTACACCCAACTACAGCGTGTCCAGGCT 137 1407 CTTATATGGCTATGGGGCTCAACATATCCATCACACCCAACTACAGCGTGTCCAGGCT 1466
OST7 (SEQ ID NO.: 13): mouse 45S pre rRNA (SEQ ID NO.: 14):	109 AAAGCATGTAGCAGTTAGGGACACTAGACGAGGACAGATCTCATTGTTGGGGT 168 1604 AAAGCATGTAGCAGTTAGGGACACTAGACGAGGACAGATCTCATTGTTGGGGT 1663
OST8 (SEQ ID NO.: 15): rat MAL (SEQ ID NO.: 16):	161 TGGATGAGNCTACCACTGTGTGGCTGCCATTACCTCAGTGCTCAGTTCTGGAAG 220 306 TGGATGAGCCTACCACTGTGTGGCTGCCATTACCTCAGTGCTCAGTGTGGCT 365
OST9 (SEQ ID NO.: 17): mouse malic enzyme (SEQ ID NO.: 18):	103 ACCGTATGTGTTATCGTGGCTGAGAAGTCCAGAAATAAGACACCAAGTCAACCAAGTA 162 1666 ACCGTATGTGTTATCGTGGCTGAGAAGTCCAGAAATAAGACACCAAGTCAACCAAGTA 1725

FIG. 6

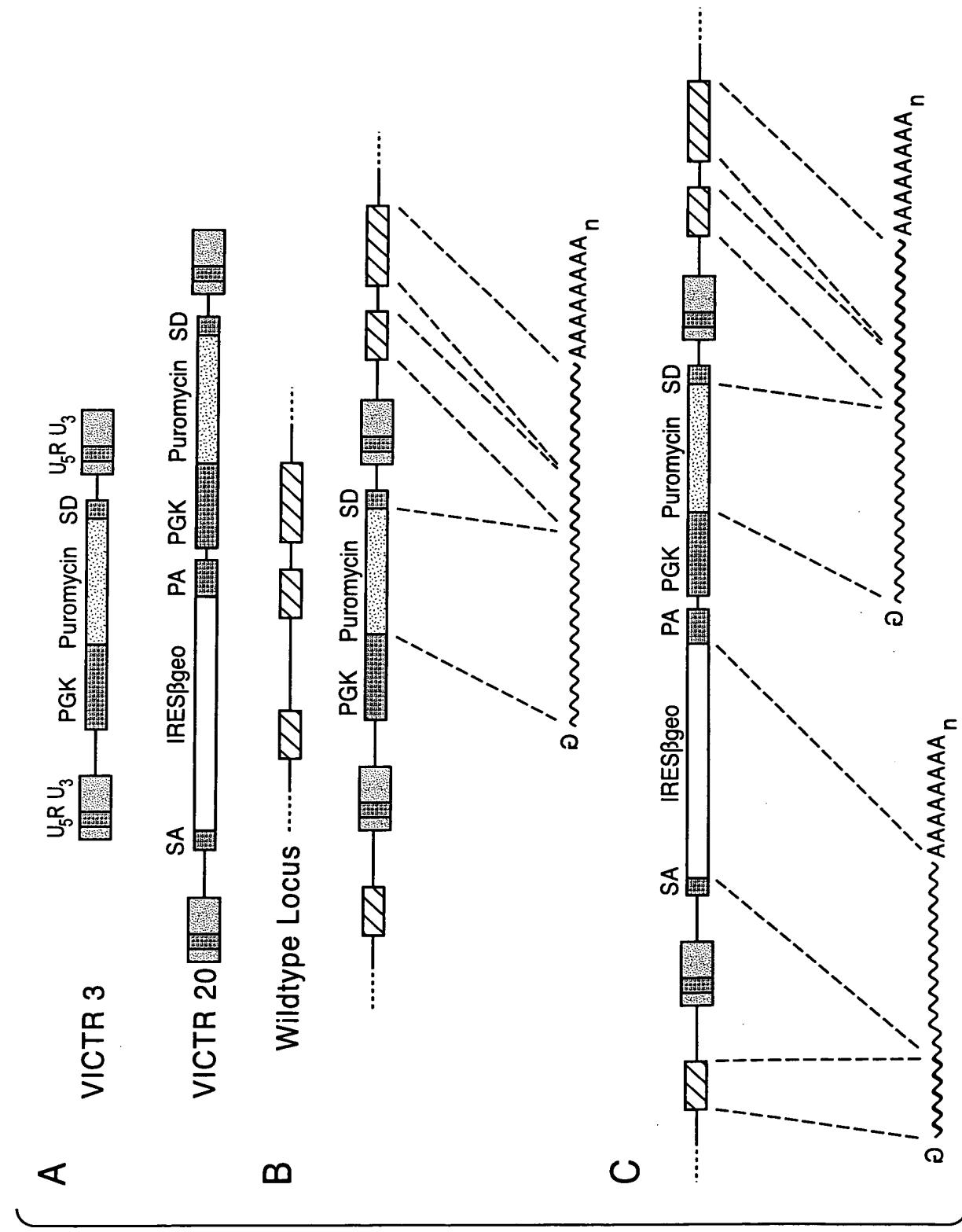


FIG. 7

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The following table includes 586 OSTs. OSTs with hit into prodrom and GenBank patented sequences have been removed as well as sequence with repetitive elements hits.

OmniBank	DBIAccession	pvalue	Id.	Sequence Description
OST4	gbIW09445	5.0e-133	96%	Mus musculus ma63f02.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 315387 5'
OST5	gbIY00746	2.6e-41	95%	Mus musculus Mouse mRNA for retinal cyclic-GMP phosphodiesterase gamma-subunit (GMP-PDE) (EC 3.1.4.17)
OST22	gbID88454	5.9e-48	83%	Mus musculus Mouse mRNA
OST25	gbIU28168	1.0e-42	87%	Mus musculus Mus musculus GP106 mRNA, complete cds
OST30	gbIAA048968	1.9e-173	98%	Mus musculus mj50b06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 479507 5'
OST36	gbID29016	7.5e-71	90%	Mus musculus Mouse mRNA for squalene synthase
OST38	gbIX53732	3.0e-106	95%	Mus musculus M. musculus T cell receptor alpha chain variable region (V-alpha)
OST41	gbIJ00360	1.8e-70	10%	Mus musculus mouse alpha-amylase-2 gene: pancreatic mrna
OST42	gbIM33190	4.0e-34	62%	Rattus norvegicus Rat cytochrome P450 II A3 (CYP2A3) gene, complete cds
OST45	gbIAA003309	1.4e-145	99%	Mus musculus mg47d10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 426931 5'
OST51	gbID86214	1.5e-45	66%	Mus musculus House mouse; Musculus domesticus Postnatal (0 day) Brain mRNA for Ca2+ dependent activator protein for secretion, complete cds
OST56	gbIAA189233	2.6e-37	97%	Mus musculus mu52c11.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 643028 5' similar to TR:G294850 G294850 ALPHA-MUSCLE ACTIN
OST74	gbIY00169	7.5e-112	89%	Rattus norvegicus Rat TM-4 gene for fibroblast tropomyosin 4
OST75	gbIZ72384	1.0e-126	95%	Mus musculus M. musculus Igk-Vk2 (70/3) gene
OST86	gbIAA190122	1.7e-31	88%	Mus musculus mu46f05.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 642465 5'
OST95	gbIAA104745	1.8e-178	96%	Mus musculus mo56d03 .rl Life Tech mouse embryo 8 5dpc 10664019 Mus musculus cDNA clone 557573 5' similar to SW:YA36_SCHPO Q09713 HYPOTHETICAL 37.7 KD PROTEIN C18B11.06 IN CHR1.
OST98	gbIH33806	7.3e-40	88%	Rattus sp. EST110153 Rattus sp. cDNA 5' end
OST117	gbIAA156426	4.0e-111	97%	Homo sapiens z151b07.s1 Soares pregnant uterus NbHPU Homo sapiens cDNA clone 505429 3' similar to TR:G632498 G632498 CLEAVAGE STIMULATION FACTOR 77KDA SUBUNIT.
OST118	gbID87684	8.6e-154	84%	Home sapiens Human mRNA for KIAA0242 gene, partial cds
OST119	gbID87077	2.0e-145	92%	Home sapiens Human mRNA for KIAA0240 gene, partial cds
OST121	gbID28482	3.1e-161	83%	Home sapiens Human scr2 mRNA for RNA binding protein SCR2, complete cds
OST133	gbIAA114106	1.2e-52	73%	Home sapiens zn66h09.r1 Stratagene HeLa cell s3 937216 Homo sapiens cDNA clone 563201 5'
OST154	gbIAA107843	4.0e-128	82%	Mus musculus mo49c06 .rl Life Tech mouse embryo 10 5dpc 10665016 Mus musculus cDNA clone 556906 5' similar to gb: J05277 Mouse hexokinase mRNA, complete cds (MOUSE)
OST178	gbIX05300	8.1e-143	92%	Rattus norvegicus Rat mRNA for ribophorin I
OST193	gbIC06148	4.8e-107	84%	Homo sapiens similar to glutamyl-tRNA synthetase
OST243	gbIH32146	4.8e-38	86%	Rattus sp. EST106973 Rattus sp. cDNA 5' end similar to Synapsin I
OST246	gbIAA009152	1.8e-81	79%	Mus musculus mh01b09.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 441209 5'
OST268	gbIM12658	1.2e-91	93%	Mus musculus Mouse 4.5S RNA gene
OST280	gbIAA058245	1.5e-141	94%	Mus musculus mg74e11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 438764 5'

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OST#	Accession	Score	Identity	Organism	Description
OST281	gb U65313	1.8e-180	98%	Mus musculus	Mus musculus ras-GTPase-activating SH3-domain binding protein (G3BP) gene, complete cds
OST295	gb AA048390	4.2e-60	83%	Mus musculus	mj29a11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 477500 5' similar to gb:J02809 Mouse neutral specific calmodulin-binding protein P-57 mRNA, Mus musculus M. musculus mRNA for thioredoxin
OST297	gb X77585	3.0e-168	10%	Mus musculus	Mouse acid beta-galactosidase (GLB-1) gene, exon 16
OST300	gb M75122	1.8e-203	98%	Mus musculus	Mus musculus mc62b02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 353067 5' similar to gb:U11248
OST301	gb W34850	2.7e-97	97%	Mus musculus	C57BL/6J ribosomal protein S28 mRNA, complete
OST311	gb W80427	3.0e-73	85%	Homo sapiens	zdb82d06.s1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 347147 3' similar to PIR:A54766 A54766 metastasis-associated protein mta-1
OST314	gb T34710	4.0e-54	73%	Homo sapiens	EST73642 Homo sapiens cDNA 5' end similar to None
OST316	gb W11499	1.2e-72	99%	Mus musculus	ma80h02.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 317043 5' similar to SW:UCRX_BOVIN P00130 UBIQUINOL-CYTOCHROME C REDUCTASE 7.2 KD PROTEIN
OST328	gb W10861	3.7e-59	89%	Mus musculus	ma55c03.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 314596 5'
OST331	gb U17698	6.8e-119	83%	Mus musculus	Mus musculus abphilin-1 (abi-1) mRNA, complete cds
OST342	gb U10120	3.1e-143	95%	Mus musculus	Mus musculus SKD2 mRNA, complete cds
OST356	gb M60456	1.8e-117	92%	Mus musculus	Mouse cyclophilin mRNA, complete cds
OST361	gb W77360	5.7e-37	90%	Mus musculus	me65f11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 400461 5'
OST368	gb D87662	2.9e-184	97%	Mus musculus	House mouse; Musculus domesticus mRNA for 14-3-3 tau, complete cds
OST386	gb X99946	2.6e-35	85%	Mus musculus	Mus musculus 94kb genomic sequence encoding Tsx gene
OST389	gb T51727	1.8e-78	89%	Homo sapiens	yb28c11.r1 Home sapiens cDNA clone 72500 5'
OST401	gb W29220	3.1e-33	97%	Mus musculus	mc19e08.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 348998 5' similar to SW:YEFA_ECOLI P32054 GDP-MANNOSE DEHYDRATASE
OST413	gb N48542	2.0e-68	78%	Homo sapiens	yy49d07.r1 Homo sapiens cDNA clone 276877 5'
OST418	gb G21163	1.7e-84	85%	Homo sapiens	human STS WI-15024
OST421	gb G25365	6.1e-56	86%	Homo sapiens	human STS EST334292
OST425	gb X04480	8.1e-58	99%	Mus musculus	Mouse mRNA for preproinsulin-like growth factor IA
OST430	gb W97937	5.7e-93	96%	Mus musculus	me73g07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 401244 5' similar to gb:M23419 INITIATION FACTOR 5A (HUMAN)
OST439	gb M26756	2.4e-134	87%	Mus musculus	Mouse malic enzyme mRNA, complete cds
OST442	gb W25938	2.6e-49	70%	Homo sapiens	15b8 Human retina cDNA randomly primed sublibrary Homo sapiens cDNA
OST448	gb Y07569	4.3e-72	88%	Homo sapiens	H. sapiens mRNA for PHAPI2a protein
OST531	gb X95591	3.1e-206	91%	Mus musculus	M. musculus mRNA for C1D protein
OST536	gb W75435	4.6e-75	95%	Mus musculus	me50d06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 390923 5' similar to gb:U09659 Mus musculus chaperonin 10 mRNA, complete cds (MOUSE)
OST542	gb W14808	6.8e-216	99%	Mus musculus	mb32g03.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 331156 5' similar to SW: YE04_YEAST P32642 HYPOTHETICAL 27.5 KD PROTEIN IN

FIG. 8b

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RAD3-BMH1 INTERGENIC REGION. [1]					
OST562	gbIX61433	7.6e-68	97%	Mus musculus M. musculus mRNA for sodium/potassium ATPase beta subunit	
OST568	gbIAA007930	1.5e-31	67%	Mus musculus mg64a07.r1 Soares mouse embryo NbMe13.5 14.5 Mus musculus cDNA clone 437748 5'	
OST571	gbIAA111278	2.1e-147	92%	Mus musculus mo53f02.r1 Life Tech mouse embryo 10 5dpc 10665016 Mus musculus cDNA clone 557307 5'	
OST572	gbIAA130347	1.2e-103	85%	Homo sapiens zo05g10.s1 Stratagene endothelial cell 937223 Homo sapiens cDNA clone 566850 3'	
OST573	gbIL42855	4.0e-69	75%	Rattus norvegicus Rattus norvegicus RNA polymerase II transcription factor SII P18 submit mRNA, complete cds	
OST577	gbIAA020459	2.1e-91	92%	Mus musculus mh61a06.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 455410 5'	
OST581	gbIR96552	2.0e-90	80%	Homo sapiens yq54e02.r1 Homo sapiens cDNA clone 199610 5'	
OST582	gbID17695	1.9e-218	91%	Rattus rattus Rat mRNA for water channel aquaporin 3 (AQP3), complete cds	
OST591	gbIL43326	3.6e-103	85%	Mus musculus Mus musculus domesticus coiled-coil protein (CG-1) mRNA, complete cds	
OST593	gbIW70777	3.4e-117	98%	Mus musculus me44a02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 390314 5'	
OST594	gbIX94616	2.6e-142	87%	Mus musculus M. musculus mRNA for glycogen synthase	
OST595	gbIU67137	7.0e-51	86%	Rattus norvegicus Rattus norvegicus PSD-95/SAP90-associated protein-1 mRNA, complete cds	
OST598	gbIX53476	2.2e-235	98%	Mus musculus Mouse mRNA for non-histone chromosomal protein HMG-14	
OST600	gbIU70494	1.0e-188	96%	Mus musculus Mus musculus histone H2A.Z (H2A.Z) mRNA, complete cds	
OST607	gbIW55702	1.2e-71	85%	Mus musculus ma35d03.r1 Life Tech mouse brain Mus musculus cDNA clone 312677 5'	
OST613	gbIAA184809	9.8e-68	97%	Mus musculus mu45h05.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 642393 5' similar to gb:L00993	
OST618	gbIH11817	1.5e-95	86%	Mus musculus autoantigen La (MOUSE) Homo sapiens ym11f07.r1 Homo sapiens cDNA clone 47592 5'	
OST620	gbIAA117282	1.0e-78	83%	Mus musculus mn25a10.r1 Bedlington mouse embryonic region Mus musculus cDNA clone 538938 5' similar to gb:L35599 Mus musculus Y-box binding protein mRNA, 3' end (MOUSE)	
OST623	gbIAA001326	5.7e-106	81%	Homo sapiens zh83b02.r1 Soares fetal liver spleen 1NFLS S1 Homo sapiens cDNA clone 427851 5'	
OST626	gbID83768	1.4e-47	81%	Homo sapiens Human clone N9S Rep-8 mRNA, partial cds	
OST663	gbIAA028410	3.2e-114	88%	Mus musculus mil9a06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 463954 5' similar to gb:M18775 Mouse tau microtubule binding protein mRNA, complete (MOUSE)	
OST664	gbIU11027	2.6e-106	87%	Mus musculus Mus musculus C57BL/6J Sec61 protein complex gamma subunit mRNA, complete cds	
OST671	gbIS64860	8.4e-211	95%	Mus sp. NonO-non-POU domain-containing octamer-binding protein [mice, B-cell leukemia, BCL1, mRNA, 2411 nt]	
OST679	gbIW14516	9.9e-139	95%	Mus musculus mb24h01.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 330385 5'	
OST680	gbIL20258	4.2e-232	95%	Mus musculus Mouse stathmin gene	
OST702	gbIM78893	5.7e-52	85%	Homo sapiens EST01041 Homo sapiens cDNA clone HHCPB34 similar to cAMP-regulated phosphoprotein	
OST707	gbIH19122	1.2e-85	82%	Homo sapiens ym44dll.r1 Homo sapiens cDNA clone 51237 5'	
OST716	gbIW62791	4.5e-74	96%	Mus musculus md86e09.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 375304 5'	

FIG. 8c

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(Cx31.1) mRNA, complete cds					
OST1096	gbID87077	7.7e-112	88%	Homo sapiens Human mRNA for KIAA0240 gene, partial cds	
OST1105	gbIW44423	1.0e-66	86%	Homo sapiens zc28f04.s1 Soares senescent fibroblasts NbHSF Homo sapiens cDNA clone 323647 3'	
OST1116	gbIX62249	3.1e-36	80%	Mus musculus M. musculus scRNA	
OST1137	gbIM63485	1.2e-89	94%	Rattus norvegicus Rat matrin 3 mRNA	
OST1145	gbIX80040	1.4e-128	91%	Mus musculus M. musculus Hesx1 mRNA	
OST1152	gbIW79970	6.4e-109	10%	Mus musculus me90d10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 402835 5' similar to gb:X57351 INTERFERON-INDUCIBLE PROTEIN 1-8D	
OST1155	gbIW10324	2.3e-65	95%	Mus musculus me42d11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 313365 5' similar to gb:M29844 APOLIPOPROTEIN C-II PRECURSOR	
OST1165	gbIW54649	1.9e-184	97%	Mus musculus md07b12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 367679 5'	
OST1179	gbIAA008986	8.5e-84	94%	Mus musculus mg99e02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 441146 5'	
OST1186	gbIU89840	2.8e-70	96%	Mus musculus Mus musculus prostate secretory protein (PSP94) mRNA, complete cds	
OST1192	gbIW82490	5.3e-127	96%	Mus musculus mf04e04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 404094 5'	
OST1207	gbIAA063763	1.3e-56	86%	Mus musculus mj79d10.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 482323 5'	
OST1223	gbIAA002931	1.5e-189	99%	Mus musculus mg40f08.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 426279 5'	
OST1226	gbIU37353	7.5e-279	95%	Mus musculus Mus musculus protein phosphatase 2A B' alpha3 regulatory subunit mRNA, partial cds	
OST1233	gbIW98701	6.3e-91	98%	Mus musculus mg12f05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 423585 5'	
OST1234	gbID85904	1.1e-180	98%	Mus musculus Mouse mRNA for apg-2, complete cds	
OST1241	gbIU09850	4.8e-184	92%	Homo sapiens Human zinc finger protein (ZNF143) mRNA, complete cds	
OST1247	gbIAA051266	4.7e-126	97%	Mus musculus mj43h02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 478899 5' similar to SW:L10K_RAT Q05310 LEYDIG CELL TUMOR 10 KD PROTEIN	
OST1265	gbIX96973	6.8e-183	96%	Mus musculus M. musculus mRNA for Lasp-1 protein	
OST1267	gbIR84271	1.6e-32	86%	Homo sapiens yq22g02.r1 Soares retina N2b4HR Homo sapiens cDNA clone 274730 5' similar to SP: YPK1_YEAST P12688 SERINE/THREONINE-PROTEIN KINASE YPK1	
OST1269	gbIU19977	4.0e-130	84%	Homo sapiens Human procarboxypeptidase A2 (procPA2) mRNA, complete cds	
OST1274	gbIM14634	2.1e-139	85%	Rattus norvegicus Rat mitochondrial propionyl-CoA carboxylase (PCCase) beta-subunit mRNA, complete cds	
OST1294	gbIJ03583	6.8e-69	95%	Rattus norvegicus Rat clathrin heavy chain mRNA, complete cds	
OST1339	gbIM97190	3.1e-118	83%	Homo sapiens Human Sp2 protein mRNA complete cds	
OST1341	gbIW89611	7.8e-142	93%	Mus musculus mf72h02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 419859 5'	
OST1354	gbIW74481	2.2e-64	85%	Homo sapiens zd75b12.s1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 346463 3'	
OST1359	gbIW65672	5.1e-35	95%	Mus musculus me13d09.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 387377 5' similar to SW:UBC5_DROME P35128	
OST1369	gbIW62550	1.1e-109	97%	UBIQUITIN-CONJUGATING ENZYME E2-17 KD Mus musculus md73e11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 374060 5' similar to gb:L06039 Mouse platelet endothelial cell	

FIG. 8d

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OST1376	gbIX63615	1.1e-33	92%	adhesion molecule 1	
				Mus musculus M. musculus Camk-2 mRNA for Ca2+/calmodulin dependent protein kinase II beta subunit	
OST1387	gbIC15521	6.5e-57	93%	Homo sapiens Human fetal brain cDNA 5'-end GEN-149C01	
OST1410	gbIW59607	4.8e-77	89%	Mus musculus md73a06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 374002 5'	
OST1419	gbIW10923	1.2e-122	97%	Mus musculus ma40a11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 313148 5'	
OST1432	gbIW89889	1.7e-145	94%	Mus musculus mf77f07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 420325 5'	
OST1453	gbIC18312	5.6e-92	86%	Homo sapiens Human placenta cDNA 5'-end GEN-560D09	
OST1457	gbIR78851	5.9e-45	80%	Homo sapiens yi90f03.r1 Homo sapiens cDNA clone 146525 5'	
OST1470	gbIJ05504	1.5e-136	95%	Mus musculus Mouse guanylate cyclase/atrial natriuretic factor receptor mRNA, complete cds	
OST1478	gbIU57821	8.4e-55	80%	Mus musculus Mus musculus inhibitor of MyoD family-b (I-mf) mRNA, complete cds	
OST1488	gbIU24681	4.3e-235	94%	synthetic construct Synthetic NAHD: cytochrome c reductase fusion protein mRNA, complete cds	
OST1492	gbIW10703	3.6e-109	98%	Mus musculus ma53g05.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 314456 5'	
OST1493	gbIAA097483	3.5e-197	98%	Mus musculus mk17d04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 493159 5' similar to gb:L05093 60S RIBOSOMAL PROTEIN L18A (HUMAN) cDNA clone 78873 5'	
OST1499	gbIT51184	1.3e-60	94%	Homo sapiens yb94h05.r1 Homo sapiens cDNA clone 80K nuclear protein - human	
OST1504	gbIL34260	1.7e-196	91%	Mus musculus Mus musculus integral membrane protein 1 (itm1) mRNA, complete cds	
OST1508	gbIL03306	1.8e-164	94%	Mus musculus Mus musculus core-binding factor mRNA sequence	
OST1520	gbIW18420	4.7e-37	88%	Mus musculus mb68e07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 334596 5' similar to PIR:JH0457 JH0457	
OST1523	gbIU23769	7.2e-195	92%	Rattus norvegicus Rattus norvegicus CLP36 (clp36) mRNA, complete cds	
OST1554	gbIW85270	2.3e-168	96%	Mus musculus mf42d05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 407721 5' similar to SW:IPYR_BOVIN P37980 INORGANIC PYROPHOSPHATASE	
OST1556	gbIAA117514	9.7e-150	89%	Mus musculus mn29c09.r1 Beddington mouse embryonic region Mus musculus cDNA clone 539344 5'	
OST1558	gbIH33765	2.2e-67	86%	Rattus sp. EST110085 Rattus sp. cDNA 5' end	
OST1567	gbIU14636	1.7e-39	94%	Mus musculus Mus musculus serine/threonine protein kinase DLK mRNA, complete cds	
OST1601	gbIW39611	1.3e-89	85%	Homo sapiens zc19e08.r1 Soares parathyroid tumor NbHPA Homo sapiens cDNA clone 322790 5'	
OST1603	gbIW09922	4.0e-109	86%	Mus musculus ma67e08.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 315782 5' similar to PIR:S48566 S48566 hypothetical protein L8167.23 - yeast	
OST1628	gbIU51239	7.9e-78	93%	Mus musculus Mus musculus lysosomal-associated multitransmembrane protein (LAPTm5) mRNA, complete cds	
OST1649	gbIAA049090	7.9e-158	96%	Mus musculus mj46e07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 479172 5'	
OST1653	gbIAA030795	5.1e-143	97%	Mus musculus mi27f12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 464783 5'	
OST1658	gbIW12941	5.2e-95	97%	Mus musculus ma89d07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone	

FIG. 8e

APPROVED	O.G. FIG.	
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Accession	Accession	Score	Identity	Description
OST2110	gb IAA051277	6.5e-138	97%	Mus musculus mj43h08.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 478911 5' similar to gb:Y00764 UBIQUINOL-CYTOCHROME C REDUCTASE 11 KD PROTEIN (HUMAN)
OST2112	gb W85170	4.7e-118	96%	Mus musculus mf43f03.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 407837 5' similar to gb:K00558 TUBULIN ALPHA-1 CHAIN (HUMAN) gb: M13441 Mouse alpha-tubulin isotype M-alpha-6 mRNA, complete cds
OST2116	gb IX76453	2.4e-66	86%	Rattus norvegicus R. norvegicus (Sprague Dawley) H-rev107 mRNA
OST2126	gb W99867	1.8e-35	85%	Mus musculus mg30b02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 425259 5'
OST2134	gb W14081	5.2e-109	98%	Mus musculus ma64g01.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 315504 5' similar to PIR: S50866 S50866 4E-BP1 protein-human
OST2141	gb H91351	3.8e-40	79%	Homo sapiens yu87c07.r1 Homo sapiens cDNA clone 240780 5'
OST2165	gb W64236	1.7e-144	93%	Mus musculus md95a11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 385724 5'
OST2174	gb U85055	1.1e-67	93%	Mus musculus Mus musculus rap1/rap2 interacting protein mRNA, complete cds
OST2177	gb W99250	1.9e-122	86%	Mus musculus mf60h04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 418711 5'
OST2182	gb S79780	1.4e-55	93%	Mus sp. DP-3=protein in regulating cell cycle transcription factor DRTF1/E2F [mice, pl-2, F9 EC, mRNA, 1380 nt]
OST2188	gb W10048	2.3e-86	97%	Mus musculus ma67b07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 315733 5' similar to gb: L02547 CLEAVAGE STIMULATION FACTOR, 50 KD SUBUNIT (HUMAN)
OST2191	gb U46854	5.4e-61	95%	Mus musculus Mus musculus ShcC mRNA, complete cds
OST2198	gb T25302	3.1e-33	69%	Homo sapiens EST039R Homo sapiens cDNA clone BL29-39R
OST2218	gb W38136	4.1e-112	97%	Homo sapiens zc14a11.s1 Soares parathyroid tumor NbHPA Homo sapiens cDNA clone 322268 3'
OST2220	gb IAA049140	6.0e-153	93%	Mus musculus mj49c04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 479430 5' similar to SW:SYB_TORCA P13701 SYNAPTOBREVIN
OST2229	gb IAA014563	2.8e-109	94%	Mus musculus mi67c05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 468584 5'
OST2236	gb S63758	2.4e-93	96%	Mus sp. metallothionein-I gene transcription activator [mice, L cells, mRNA, 509 nt]
OST2237	gb IAA002285	1.7e-33	10%	Mus musculus mg42c06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 426442 5' similar to SW:YB81_YEAST P38326 HYPOTHETICAL 34.3 KD PROTEIN IN PDB1-ABD1 INTERGENIC REGION. [1]
OST2250	gb W71063	2.0e-137	96%	Mus musculus me31e02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 389114 5'
OST2269	gb U46027	3.1e-119	94%	Mus musculus Mus musculus CREB transcription factor, novel spliced form, mRNA, partial cds
OST2273	gb U33005	9.9e-111	94%	Mus musculus Mus musculus tbc1 mRNA, complete cds
OST2275	gb W30226	1.7e-114	95%	Mus musculus mc25h04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 349591 5' similar to SW: CICP_BOVIN p35526 CHLORINE CHANNEL PROTEIN P64.
OST2285	gb W33930	1.2e-43	92%	Mus musculus mb54c08.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 333230 5' similar to gb: D13315 LACTOYLGLUTATHIONE LYASE (HUMAN)
OST2286	gb W82037	8.3e-85	96%	Mus musculus me94d11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 403221 5' similar to

FIG. 8f

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OST2297	gbIF07734	7.8e-34	86%	SW:YA9E_SCHPO Q09790 HYPOTHETICAL 23.7 KD PROTEIN C13G6.14 IN CHROMOSOME I. Homo sapiens H. sapiens partial cDNA sequence; clone c-2gb07
OST2307	gbIX61399	7.0e-66	92%	Mus musculus Mouse F52 mRNA for a novel protein
OST2321	gbIAA100747	5.1e-85	78%	Homo sapiens zl91h04.r1 Stratagene colon (#937204) Homo sapiens cDNA clone 512023 5'
OST2322	gbIJ02811	1.2e-81	92%	Rattus sp. Rat myoadenylate deaminase (AMP deaminase) mRNA, complete cds
OST2346	gbIAB000893	1.5e-95	94%	Mus musculus Mouse mRNA for synaptotagmin 3, complete cds
OST2347	gbID17653	2.5e-101	85%	Mus musculus Mouse mRNA for HBp15/L22, complete cds
OST2353	gbIT80097	7.4e-73	85%	Homo sapiens yd04g12.r1 Homo sapiens cDNA clone 24692 5'
OST2357	gbIW30066	4.1e-133	99%	Mus musculus mc23a09.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 349336 5'
OST2361	gbIW18873	7.5e-58	95%	Mus musculus mc04d04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 337927 5'
OST2367	gbIX97831	1.9e-104	85%	Rattus norvegicus R. norvegicus mRNA for carnitine/acylcarnitine carrier protein
OST2368	gbIAA013837	6.1e-32	77%	Mus musculus mh24c06.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 443434 5'
OST2379	gbIL10911	1.2e-105	91%	Homo sapiens Homo sapiens splicing factor (CC1.4) mRNA, complete cds
OST2380	gbIW87091	9.5e-88	90%	Mus musculus mf58d10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 418483 5'
OST2381	gbIAA080090	8.3e-126	96%	Mus musculus mj98h06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 484187 5'
OST2382	gbIAA015380	5.1e-126	92%	Mus musculus mg94g12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 440710 5' similar to gb:M31690 Mouse argininosuccinate synthetase
OST2389	gbIU85614	2.0e-59	91%	Mus musculus Mus musculus SRG3 mRNA, complete cds
OST2395	gbIAA122609	5.0e-138	10%	Mus musculus mn25h06.r1 Bedlington mouse embryonic region Mus musculus cDNA clone 539003 5'
OST2400	gbIW34469	4.2e-122	86%	Mus musculus ma98e09.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 318760 5'
OST2401	gbIAA049859	3.7e-83	91%	Mus musculus mj13d01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 475969 5' similar to SW:YAQ6_SCHPO Q10106 HYPOTHETICAL 29.7
OST2416	gbIW14179	3.1e-54	94%	KD PROTEIN C18G6.06 IN CHROMOSOME I. Mus musculus mb38b08.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 331671 5'
OST2418	gbIN25844	1.3e-47	81%	Homo sapiens yx22f02.r1 Homo sapiens cDNA clone 262491 5'
OST2433	gbIAA104747	2.4e-164	97%	Mus musculus mo56e01.r1 Life Tech mouse embryo 8 5dpc 10664019 Mus musculus cDNA clone 557592 5' similar to gb: M31642 HYPOXANTHINE-GUANINE PHOSPHORIBOSYLTRANSFERASE (HUMAN); gb: J00423 mouse hypoxanthine phosphoribosyltransferase (hprt) mrna
OST2442	gbIW35819	1.7e-55	91%	Mus musculus mc14g04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 348534 5'
OST2447	gbIAA061741	1.0e-58	94%	Mus musculus mj90b07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 483349 5' similar to WP:C32A3.3
OST2455	gbIAA167801	4.2e-62	90%	CE05343 COILED COIL DOMAINS Homo sapiens zq38c06.r1 Stratagene hNT neuron (#937233) Homo sapiens cDNA clone 631978 5'
OST2459	gbIU05333	3.4e-119	96%	Mus musculus Mus musculus co-chaperonin 'cofactor A' mRNA, complete cds
OST2464	gbIW85263	1.8e-116	94%	Mus musculus mf45h09.r1 Soares mouse

FIG. 8g

APPROVED	O.G. FIG.	
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ITEM	REF ID	SCORE	PERCENT	DESCRIPTION
OST2829	gb AA002649	7.7e-90	94%	LPS-binding protein Mus musculus mg38g06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 426106 5' similar to SW:MSE5_HUMAN Q00587 SERUM PROTEIN MSE55. [1]
OST2834	gb U57692	1.4e-222	97%	Mus musculus Mus musculus N-terminal asparagine amidohydrolase (Ntan1) mRNA, complete cds
OST2835	gb AA060795	2.1e-89	97%	Mus musculus mj79d05.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 482313 5' similar to WP:F42H10.4 CE00166 CRIP
OST2839	gb AA163971	6.0e-61	70%	Mus musculus ms40a01.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 613992 5'
OST2842	gb W54515	6.1e-64	91%	Mus musculus md09a10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 367866 5' similar to gb:U07151 ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 3
OST2877	gb J03583	1.3e-66	93%	Rattus norvegicus Rat clathrin heavy chain mRNA, complete cds
OST2883	gb W34850	4.8e-75	93%	Mus musculus mc62b02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 353067 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE)
OST2892	gb W97758	1.4e-125	98%	Mus musculus mg0le10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 422538 5' similar to gb:J04823_rnAL CYTOCHROME C OXIDASE POLYPEPTIDE VIII-LIVER/HEART
OST2897	gb W11047	7.9e-132	97%	Mus musculus ma78d10.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 316819 5'
OST2909	gb AA166258	8.9e-120	96%	Mus musculus ms49c09.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 614896 5'
OST2911	gb U73478	1.4e-117	86%	Mus musculus Mus musculus acidic nuclear phosphoprotein pp32 mRNA, complete cds
OST2914	gb U12236	4.0e-136	95%	Mus musculus Mus musculus AKR alpha M290 integrin mRNA, complete cds
OST2916	gb D77002	1.4e-67	92%	Mus musculus Mouse embryonal carcinoma F9 cell cDNA, 93E10
OST2921	gb W75740	8.4e-106	98%	Mus musculus me55b06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 391379 5'
OST2922	gb D50544	8.4e-135	88%	Homo sapiens Human lymphocyte mRNA for TFIID subunit p22, complete cds
OST2923	gb W85631	3.2e-108	97%	Mus musculus mf37b01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 407209 5'
OST2926	gb W59561	6.3e-164	94%	Mus musculus md72g01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 373968 5'
OST2929	gb W75735	3.0e-92	92%	Mus musculus me50h12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 390983 5'
OST2934	gb M82904	1.8e-75	93%	Mus musculus Mouse myotonic dystrophy region mRNA
OST2940	gb AA154635	1.4e-114	97%	Mus musculus mn44c11.r1 Bedlington mouse embryonic region Mus musculus cDNA clone 540788 5' similar to gb:X83590 M. musculus mRNA for ribosomal protein L5, 3' end
OST2942	gb W34882	1.4e-91	96%	Mus musculus mc40a05.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 350960 5'
OST2948	gb AA108292	5.1e-32	81%	Rattus norvegicus EST0035 rat lambda ZAPII library (C.P. Hamel) Rattus norvegicus cDNA clone pCO93 5' similar to ADP-ribosylation factor (ARF)-like protein
OST2953	gb W10606	1.8e-97	98%	Mus musculus ma44d11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 313557 5' similar to PIR:JS0738 JS0738 ATPase inhibitor protein precursor, mitochondrial - rat [1]
OST2956	gb AA049172	3.1e-137	97%	Mus musculus mj46d07.r1 Soares mouse

FIG. 8h

APPROVED	J. G. FIG.	
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OST2963	gbIW04744	4.2e-31	80%	embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 479149 5' similar to WP:F45E12.4 CE02740
OST2971	gbIAA120487	9.2e-107	10%	<i>Homo sapiens</i> za79c08.r1 Soares fetal lung NbHL19W <i>Homo sapiens</i> cDNA clone 298766 5'
OST2974	gbIU33553	2.6e-102	88%	<i>Mus musculus</i> mn12f07.r1 Bedlington mouse embryonic region <i>Mus musculus</i> cDNA clone 537733 5' similar to SW:YBNS_YEAST_P38219 HYPOTHETICAL 44.2 KD PROTEIN IN SCO2-MRF1 INTERGENIC REGION.
OST2977	gbIX97755	6.1e-164	97%	<i>Rattus norvegicus</i> Rattus norvegicus neuroglycan C precursor mRNA, complete cds
OST2981	gbIAA206420	1.2e-71	85%	<i>Mus musculus</i> M. <i>musculus</i> mRNA MSI <i>Homo sapiens</i> zq51b02.s1 Stratagene neuroepithelium (#937231) <i>Homo sapiens</i> cDNA clone 645099 3' similar to TR:G972006 G972006 mRNA; EXPRESSED SEQUENCE TAG
OST2983	gbIW49206	1.8e-119	98%	<i>Mus musculus</i> mc91g12.r1 Soares mouse embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 355942 5' similar to PIR:S44900 S44900 ZK652.10 protein
OST2987	gbIAA027683	2.3e-134	96%	<i>Caenorhabditis elegans</i> <i>Mus musculus</i> mi12b01.r1 Soares mouse p3NMF19.5 <i>Mus musculus</i> cDNA clone 463273 5'
OST2988	gbIX52129	2.2e-52	73%	<i>Mus musculus</i> domesticus Mouse testis-specific mRNA pBs6.2
OST2989	gbIAA152050	1.3e-46	78%	<i>Homo sapiens</i> zl48b12.r1 Soares pregnant uterus NbHPU <i>Homo sapiens</i> cDNA clone 505151 5' similar to gb:M90356_cds1 TRANSCRIPTION FACTOR BTF3 (HUMAN)
OST2991	gbIAA003171	8.4e-151	93%	<i>Mus musculus</i> mg56h09.r1 Soares mouse embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 437057 5' similar to gb:M24194 GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN (HUMAN); gb:X75313 M. <i>musculus</i>
OST2994	gbIR51546	1.9e-51	83%	<i>Homo sapiens</i> yg72h12.r1 <i>Homo sapiens</i> cDNA clone 38905 5' similar to SP:VILL_CHICK P02640
OST2996	gbIX99921	1.6e-82	10%	<i>Mus musculus</i> M. <i>musculus</i> mRNA for S100 calcium-binding protein A13
OST2998	gbID19012	3.2e-48	10%	<i>Mus musculus</i> Mouse 3'-directed cDNA, MUSGS01209, clone mc0315
OST3003	gbIU27502	1.3e-169	97%	<i>Mus musculus</i> <i>Mus musculus</i> lens major intrinsic protein (MIP) mRNA, complete cds
OST3004	gbIAA103385	1.9e-162	98%	<i>Mus musculus</i> mo23f02.r1 Life Tech mouse embryo 13.5dpc 10666014 <i>Mus musculus</i> cDNA clone 554427 5' similar to gb:Z15030_rna1 MYOSIN REGULATORY LIGHT CHAIN 2, VENTRICULAR (HUMAN); gb:X65979 M. <i>musculus</i> PLRLC-A mRNA for myosin light chain 2 (MOUSE)
OST3011	gbIAA035805	1.2e-98	99%	<i>Mus musculus</i> mi53a10.r1 Soares mouse embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 467226 5' similar to PIR:S28237 S28237 NADH dehydrogenase
OST3017	gbIAA050908	4.8e-123	92%	<i>Mus musculus</i> mj21e02.r1 Soares mouse embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 476762 5' similar to SW:AP17_RAT Q00380 CLATHRIN COAT ASSEMBLY PROTEIN AP17
OST3018	gbID83277	2.2e-235	99%	<i>Mus musculus</i> Mouse DNA for small GTP-binding protein S10, exon2 and complete cds
OST3032	gbIU49385	2.1e-76	99%	<i>Mus musculus</i> <i>Mus musculus</i> CTP synthetase homolog (CTPsH) mRNA, complete cds
OST3035	gbIL08651	1.8e-115	90%	<i>Mus musculus</i> <i>Mus musculus</i> large ribosomal subunit protein mRNA, complete cds
OST3037	gbIW90956	4.5e-34	74%	<i>Mus musculus</i> mf84h05.r1 Soares mouse embryo NbME13.5 14.5 <i>Mus musculus</i> cDNA clone 421017 5'

FIG. 8i

APPROVED	C. G. FIG.	
BY	CLASS	SUBCLASS
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Accession	GBL ID	Score	Identity (%)	Description
OST3305	gbID88453	1.0e-106	87%	Mus musculus Mouse mRNA
OST3312	gbIU78109	9.7e-59	66%	Mus musculus Mus musculus prepro-neurturin mRNA, complete cds
OST3323	gbID43643	1.2e-132	91%	Mus musculus Mouse YL-1 mRNA for YL-1 protein (nuclear protein with DNA-binding ability), complete cds
OST3324	gbIX61399	2.2e-51	87%	Mus musculus Mouse F52 mRNA for a novel protein
OST3325	gbID28476	6.5e-103	94%	Homo sapiens Human mRNA for KIAA0045 gene, complete cds
OST3349	gbIM18210	2.2e-52	94%	Mus musculus Mouse transcription factor S-II, clone PSII-3
OST3352	gbIAA099569	4.9e-63	77%	Homo sapiens zk86b04.s1 Soares pregnant uterus NbHPU Homo sapiens cDNA clone 489679 3'
OST3354	gbIW53638	9.1e-69	92%	Mus musculus md14d10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 368371 5' similar to SW:RNG3_HUMAN P25440 RING3 PROTEIN. [1]
OST3355	gbIU49185	4.1e-40	82%	Mus musculus Mus musculus occludin mRNA, complete cds
OST3366	gbIAA122835	2.1e-85	69%	Mus musculus mn24g03.r1 Bedlington mouse embryonic region Mus musculus cDNA clone 538900 5' similar to gb:D00682 COFILIN (HUMAN); gb:D00472 Mouse mRNA for cofilin, complete cds and flanks (MOUSE)
OST3370	gbIS67058	4.6e-106	94%	Mus sp. Hoxa-4/Hox-1.4=Hoxa-4 [mice, Genomic, 2556 nt]
OST3371	gbIW31107	1.5e-50	71%	Homo sapiens zb85e12.r1 Soares senescent fibroblasts NbHSF Homo sapiens cDNA clone 310414 5'
OST3372	gbIW64859	2.2e-134	99%	Mus musculus me06f10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 386731 5' similar to PIR:AS5012 AS5012 signal peptidase 25k chain - dog
OST3375	gbIAA015237	4.0e-44	10%	Mus musculus mh30a10.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 443994 5'
OST3376	gbIM27347	4.2e-103	99%	Mus musculus Mus musculus p6-5 gene, 3' end
OST3388	gbID50264	1.9e-117	98%	Mus musculus Mouse mRNA for phosphatidylinositol glycan class F, complete cds
OST3390	gbIW34022	3.6e-46	78%	Mus musculus mb01d09.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 318929 5'
OST3393	gbIU60330	1.7e-208	93%	Mus musculus Mus musculus Ki antigen mRNA, complete cds
OST3404	gbIAA168895	6.3e-109	98%	Mus musculus ms41g02.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 614162 5' similar to gb:M23419 INITIATION FACTOR 5A
OST3413	gbIN91837	3.3e-39	91%	Homo sapiens zb45f03.s1 Soares fetal lung NbHL19W Homo sapiens cDNA clone 306557 3'
OST3425	gbIW71116	1.3e-105	88%	Mus musculus me31d05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 389097 5'
OST3428	gbIAA189339	3.4e-37	88%	Mus musculus mt79g04.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 636150 5'
OST3441	gbIS51858	7.9e-66	77%	Mus sp. MO25 gene [mice, embryos, mRNA, 2322 nt]
OST3450	gbIX58426	7.1e-53	96%	Mus musculus Mouse mRNA for hepatic triglyceride lipase
OST3457	gbIW87064	9.0e-166	97%	Mus musculus mf58h05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 418521 5'
OST3460	gbIAA185213	4.2e-134	99%	Mus musculus mu51g08.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 642974 5' similar to TR:E243948 E243948 CHROMOSOME VII READING FRAME ORF YGL054C.
OST3480	gbIAA118567	9.4e-100	89%	Mus musculus mn12a08.r1 Bedlington mouse embryonic region Mus musculus cDNA clone 537686 5'
OST3481	gbIX56906	1.0e-121	95%	Mus musculus Mouse OP-1 mRNA for osteogenic protein 1

FIG. 8j

APPROVED	S.G. FIG.	
BY	CLASS	SUBCLASS
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OST3483	gbIX79446	1.4e-114	92%	Mus musculus M. musculus Odf1 mRNA for outer dense fiber protein of sperm tails	
OST3485	gbID83824	1.4e-75	86%	Homo sapiens similar to T cell-specific MAL	
OST3492	gbIW09518	4.7e-139	92%	Mus musculus ma08d09.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 303953 5'	
OST3494	gbIW61666	1.1e-138	99%	Mus musculus md82d01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 374881 5' similar to SW:GBG5_BOVIN_P30670 GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-5 SUBUNIT. [1]	
OST3500	gbIU62483	2.1e-180	98%	Mus musculus Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds	
OST3501	gbID59851	6.8e-54	90%	Homo sapiens Human fetal brain cDNA 5' - end GEN-070H03	
OST3505	gbIW40883	3.9e-173	99%	Mus musculus mc39d07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 350893 5'	
OST3508	gbIM23458	2.0e-119	90%	Mus musculus Mus musculus endogenous retroviruslike B-26 (distantly related to MuLV) LTR	
OST3516	gbIL14441	5.4e-177	90%	Rattus norvegicus Rat phosphatidylethanolamine N-methyltransferase mRNA, complete cds	
OST3517	gbIAA015044	5.5e-114	97%	Mus musculus mh23f10.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 443371 5'	
OST3518	gbIAA061165	6.3e-99	91%	Mus musculus mj31f05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 477729 5' similar to TR:E222933 E222933 SUPEROXIDE DISMUTASE mRNA, complete cds	
OST3521	gbIH33756	3.7e-70	87%	Rattus sp. EST110066 Rattus sp. cDNA 3' end	
OST3531	gbIU19893	6.7e-34	80%	Rattus norvegicus Rattus norvegicus alpha actinin mRNA, complete cds	
OST3534	gbIU37150	5.7e-31	83%	Bos taurus Bos taurus peptide methionine sulfoxide reductase (msrA) mRNA, complete cds	
OST3545	gbIM93148	4.0e-103	84%	Mus musculus Mouse homeobox protein (Hox-1.11) gene, complete cds	
OST3556	gbIW08748	1.9e-129	97%	Mus musculus mb48f02.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 332667 5'	
OST3558	gbIL03386	7.9e-132	97%	Rattus norvegicus Rattus norvegicus (clone RAHB2-5/8) zinc finger protein mRNA, 3' end cds	
OST3561	gbIW13785	5.1e-64	99%	Mus musculus ma94c11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 318356 5' similar to SW:RS27_RAT P24051 40S RIBOSOMAL PROTEIN S27. [1]	
OST3567	gbIAA050004	2.8e-48	78%	Mus musculus mj39d07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 478477 5'	
OST3571	gbIW75236	2.4e-113	91%	Mus musculus me53a07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 391188 5'	
OST3575	gbIAA080212	6.0e-90	93%	Mus musculus mj99a06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 484210 5' similar to gb:X58079 S-100 PROTEIN, ALPHA CHAIN (HUMAN)	
OST3579	gbIS74622	1.1e-39	76%	Gallus gallus PP1M M21 subunit=protein phosphatase 1M 21 kda regulatory subunit [chickens, gizzard smooth muscle, mRNA, 1598 nt]	
OST3582	gbIX74350	1.5e-74	99%	Mus musculus M. musculus XPAC Xerderma Pigmentosum group A Correcting gene, exon 6	
OST3601	gbIU50078	4.6e-138	89%	Homo sapiens Human guanine nucleotide exchange factor p532 mRNA, complete cds	
OST3602	gbIR15062	2.3e-107	90%	Homo sapiens yf86h05.r1 Homo sapiens cDNA clone 29483 5'	
OST3604	gbIM22756	4.9e-119	84%	Rattus norvegicus Rat 24-kDa subunit of mitochondrial NADH dehydrogenase mRNA, 3' end	
OST3608	gbIU34994	5.4e-101	85%	Homo sapiens Human DNA-dependent	

FIG. 8k

APPROVED BY DRAFTSMAN	O.G. FIG.		
	CLASS	SUBCLASS	

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OST3609	gbIAA165901	2.4e-129	96%	protein kinase catalytic subunit (DNA-PKcs) mRNA, complete cds Mus musculus mt75e03.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 635740 5'
OST3631	gbIAA028590	2.1e-152	97%	Mus musculus mi21c12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 464182 5' similar to WP:R01H2.6 CE00805 UBC
OST3642	gbIR85211	1.4e-47	74%	Homo sapiens yo41d11.s1 Homo sapiens cDNA clone 180501 3' similar to SP:S19586 S19586 N-METHYL-D-ASPARTATE RECEPTOR GLUTAMATE-BINDING CHAIN-Mus musculus Mouse insulin-like growth factor II (IGF-II) mRNA, complete cds
OST3645	gbIM14951	1.3e-104	90%	Mus musculus Mouse insulin-like growth factor II (IGF-II) mRNA, complete cds
OST3647	gbIU14721	1.7e-36	76%	Mus musculus Mus musculus c-abl oncogene (c-abl) gene, exons 2 and 3, partial cds
OST3651	gbIAA023146	1.4e-109	91%	Mus musculus mh67b03.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 455981 5' similar to SW:A4P_HUMAN Q04941 INTESTINAL MEMBRANE A4 PROTEIN. [1]
OST3652	gbIS60494	3.1e-31	94%	Mus sp. gamma-phosphorylase kinase (alternatively spliced) [mice, muscle, Balb/C, Genomic, 4204 nt, segment 4 of 4]
OST3662	gbIU37427	3.1e-204	96%	Rattus norvegicus Rattus norvegicus phospholipid hydroperoxide glutathione peroxidase mRNA, complete cds
OST3669	gbIW55918	3.0e-35	86%	Homo sapiens zc03f12.s1 Soares parathyroid tumor NbHPA Homo sapiens cDNA clone 321263 3' similar to WP:E04F6.2 CE01214
OST3681	gbIW55833	7.6e-94	93%	Mus musculus md07b01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 367657 5' similar to gb:D37874 Mouse FcRn gene. (MOUSE)
OST3694	gbIW38194	5.4e-71	93%	Homo sapiens zc15e05.s1 Soares parathyroid tumor NbHPA Homo sapiens cDNA clone 322400 3'
OST3700	gbIAA038243	4.9e-171	99%	Mus musculus mi82d08.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 473103 5' similar to SW:SARL_RABIT P42532 SARCOLIPIN. [1]
OST3703	gbIW47847	7.8e-71	82%	Mus musculus mc82f12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 355055 5'
OST3704	gbIAA048648	4.6e-68	99%	Mus musculus mj33a07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 477876 5'
OST3708	gbIAA002275	7.4e-89	97%	Mus musculus mg43h01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 426577 5' similar to gb:M73704 PHOSPHATIDYLINOSITOL (HUMAN)
OST3716	gbIAA034685	8.2e-119	90%	Mus musculus mi56h10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 467587 5' similar to gb:L19527 60S RIBOSOMAL PROTEIN L27
OST3729	gbIW19303	2.9e-97	85%	Homo sapiens zb25d02.r1 Soares fetal lung NbHL19W Homo sapiens cDNA clone 303075 5'
OST3731	gbIW11502	1.3e-131	93%	Mus musculus ma80h06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 317051 5' similar to SW:PRCF_HUMAN P40306 PROTEASOME COMPONENT MECL-1 PRECURSOR
OST3735	gbIAA014575	5.2e-100	97%	Mus musculus mi67g07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 468636 5' similar to SW:SYRM_YEAST P38714 ARGINYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR
OST3757	gbIW77924	2.6e-99	83%	Homo sapiens zd71f04.r1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 346111 5'
OST3759	gbIX64840	7.6e-51	97%	Mus musculus M. musculus ALF1 mRNA
OST3767	gbIC18536	5.2e-39	69%	Homo sapiens Human placenta cDNA 5'-end GEN-563H06
OST3775	gbID18282	1.6e-57	97%	Mus musculus Mouse 3' -directed cDNA, MUSGS00768, clone md0842

FIG. 81

APPROVED	U.G. FIG.	
BY	CLASS	SUBCLASS
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OST	gb	Accession	Score	Identity	Description
OST3788	gb AA014426	9.7e-55	10%	Mus musculus mg84b01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 439657 5' similar to SW:NB7M_BOVIN Q02367 NADH-UBIQUINONE OXIDOREDUCTASE B17 SUBUNIT	
OST3789	gb D13544	9.5e-67	97%	Mus musculus Mouse mRNA for primase small subunit, complete cds	
OST3807	gb W26968	3.8e-51	80%	Homo sapiens 16h7 Human retina cDNA randomly primed sublibrary Homo sapiens cDNA	
OST3818	gb IM28248	3.8e-48	96%	unidentified cloning vector Moloney murine leukemia virus retroviral vector pLXSN, complete genome	
OST3819	gb IT55632	3.8e-35	81%	Homo sapiens yb39b03.r1 Homo sapiens cDNA clone 73517 5' similar to SP:T20G5.10 CE00629	
OST3827	gb AA046830	1.2e-67	84%	Homo sapiens zf12h11.s1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 376773 3'	
OST3831	gb W70777	3.5e-121	99%	Mus musculus mr44a02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 390314 5'	
OST3839	gb IM86008	1.4e-103	86%	Homo sapiens EST02533 Homo sapiens cDNA clone HFBCY19 similar to Hypothetical 43.5K protein	
OST3843	gb Z82190	2.8e-51	88%	Homo sapiens Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 180M12; HTGS phase 1	
OST3849	gb W64986	1.3e-173	94%	Mus musculus me04c05.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 386504 5' similar to SW:VSH7_DICDI P14327 VEGETATIVE SPECIFIC PROTEIN H7. [1]	
OST3851	gb U51037	1.0e-135	84%	Mus musculus Mus musculus 11-zinc-finger transcription factor (CTCF) mRNA, complete cds	
OST3858	gb X56135	4.7e-237	97%	Mus musculus Mouse mRNA for prothymosin alpha	
OST3864	gb D19493	9.8e-33	95%	Mus musculus Mouse 3' -directed cDNA, MUSGS00881, clone mb0610	
OST3869	gb W41525	4.4e-100	85%	Mus musculus mc45b04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 351439 5'	
OST3897	gb W10485	3.8e-97	95%	Mus musculus ma53e06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 314434 5'	
OST3903	gb W59388	1.2e-108	86%	Mus musculus md79f02.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 374619 5' similar to gb:U07151 ADB-RIBOSYLATION FACTOR-LIKE PROTEIN 3 (HUMAN)	
OST3905	gb D85430	8.0e-102	92%	Mus musculus Mouse Murr1 mRNA, exon	
OST3909	gb AA020459	1.2e-80	94%	Mus musculus mh61a06.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 455410 5'	
OST3917	gb Z44044	8.7e-81	87%	Homo sapiens H. sapiens partial cDNA sequence; clone c-lrc07	
OST3924	gb J04699	3.9e-32	84%	Mus musculus Mouse nicotinic acetylcholine receptor beta subunit (nAChRE) gene, complete cds	
OST3925	gb W23511	1.2e-88	76%	Homo sapiens zb46e02.r1 Soares fetal lung NbHH19W Homo sapiens cDNA clone 306650 5'	
OST3931	gb U14957	1.6e-36	81%	Homo sapiens Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds	
OST3945	gb W15004	1.6e-122	97%	Mus musculus mb25c09.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 330448 5'	
OST3957	gb AA051293	2.8e-143	96%	Mus musculus mj40h10.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 478627 5' similar to SW:TGFB_HUMAN P22064 TRANSFORMING GROWTH FACTOR BETA-1 BINDING PROTEIN PRECURSOR	
OST3960	gb D38614	1.1e-88	82%	Mus musculus Mouse 921-S mRNA for presynaptic protein, complete cds	
OST3961	gb U67988	6.6e-37	77%	Homo sapiens Human guanylate kinase associated protein (GKAP) mRNA, complete cds	

FIG. 8m

APPROVED	O.G. FIG.	
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OST3971	gblW45926	9.6e-55	94%	Mus musculus mc79e04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 354750 5'
OST3988	gblM13524	2.6e-111	90%	Mus musculus Mouse serum amyloid A pseudogene (psi-SAA)
OST3993	gblR16778	4.7e-45	82%	Homo sapiens yf33a08.s1 Homo sapiens cDNA clone 128630 3'
OST4002	gblAA000314	1.9e-112	96%	Mus musculus mg34e07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 425700 5'
OST4003	gblL37297	2.9e-121	91%	Mus musculus Mus musculus (clone B6) myeloid secondary granule protein mRNA
OST4011	gblL26664	2.0e-155	94%	Mus musculus Mus musculus expressed sequence tag EST F032
OST4028	gblD87470	7.5e-93	92%	Homo sapiens Human mRNA for KIAA0280 gene, partial cds
OST4033	gblAA084704	2.2e-54	88%	Homo sapiens zn05f04.s1 Stratagene hNT neuron (#937233) Homo sapiens cDNA clone 546559 3' similar to TR:G600529 G600529 NADH UBIQUINONE OXIDOREDUCTASE SUBUNIT
OST4051	gblF03500	7.6e-63	86%	Homo sapiens H. sapiens partial cDNA sequence; clone c-lzd08
OST4061	gblW30618	3.1e-118	97%	Mus musculus mc10h12.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 348167 5'
OST4070	gblW36515	6.0e-135	94%	Mus musculus mb76g12.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 335398 5'
OST4073	gblX82021	2.0e-105	91%	Rattus norvegicus R. norvegicus mRNA for heat shock related protein
OST4074	gblD63704	3.3e-140	86%	Rattus norvegicus Rat mRNA for dihydropyrimidinase, complete cds
OST4106	gblW75804	1.1e-84	93%	Mus musculus me67a06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 400594 5'
OST4114	gblW20730	6.5e-90	96%	Mus musculus mb96g01.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 337296 5'
OST4131	gblAA044274	2.4e-33	69%	Homo sapiens zk54h03.s1 Soares pregnant uterus NbHPU Homo sapiens cDNA clone 486677 3'
OST4134	gblH31489	3.0e-84	85%	Rattus sp. EST105564 Rattus sp. cDNA 3' end
OST4140	gblW71052	3.7e-121	91%	Mus musculus me27f01.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 388729 5' similar to SW:YBHB_YEAST P38182 HYPOTHETICAL 13.6 KD PROTEIN IN PET112-ILS1 INTERGENIC REGION. [1]
OST4142	gblC07091	5.7e-74	89%	Rattus norvegicus similar to none
OST4144	gblX56135	4.4e-41	83%	Mus musculus Mouse mRNA for prothymosin alpha
OST4148	gblW54510	1.5e-135	91%	Mus musculus md08h09.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 367841 5' similar to PIR: A56059 A56059 protein-tyrosine-phosphatase
OST4149	gblU36393	2.6e-111	96%	Mus musculus Mus musculus transcription factor TFEB mRNA, partial cds
OST4154	gblX56046	1.3e-161	96%	Mus musculus Mouse mRNA (clone lambda-16) for hypothetical protein A
OST4155	gblX05900	3.5e-58	85%	Rattus norvegicus Rat mRNA for lens betaB1-crystallin (pRLbeta B1-3)
OST4166	gblU53859	8.0e-169	90%	Rattus norvegicus Rattus norvegicus calpain small subunit (css1) mRNA, partial cds
OST4174	gblU41395	1.3e-38	84%	Mus musculus Mus musculus X inactive specific transcript (Xist) gene, cosmid MB4-14A, fragment 2
OST4191	gblX63507	2.0e-75	81%	Mus musculus M. musculus HOX-3.5 gene
OST4192	gblW85357	2.2e-83	82%	Mus musculus mf49h12.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 408455 5' similar to SW:GLYM HUMAN p34897 SERINE HYDROXYMETHYLTRANSFERASE MITOCHONDRIAL
OST4194	gblW34635	8.9e-38	87%	Mus musculus mc31e07.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 350148 5'

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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OST#	Accession	Score	Identity (%)	Description
OST4196	gb W41301	3.1e-39	99%	Mus musculus mc43h06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 351323 5'
OST4223	gb AA203787	2.7e-89	90%	Mus musculus mu60f12.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone 643823 5'
OST4228	gb S51016	9.3e-205	92%	Bos taurus E2 (25K) -multiubiquitinating enzyme [cattle, thymus, mRNA, 825 nt]
OST4229	gb Z31263	4.9e-70	97%	Mus musculus M. musculus expressed sequence tag MTEST7
OST4235	gb W53187	3.0e-173	97%	Mus musculus md19a07.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 368820 5' similar to WP: C32D5.9 CE01849
OST4243	gb AA048921	2.3e-4.0	86%	Mus musculus mj47e11.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 479276 5' similar to gb:U13705 Mus musculus domesticus C57BL/6J plasma glutathione (MOUSE)
OST4245	gb H10216	9.9e-80	75%	Homo sapiens ym02f05.s1 Homo sapiens cDNA clone 46710 3'
OST4247	gb AA023146	1.5e-115	96%	Mus musculus mh67b03.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 455981 5' similar to SW:A4P_HUMAN Q04941 INTESTINAL MEMBRANE A4 PROTEIN. [1]
OST4251	gb AA070774	8.7e-154	98%	Homo sapiens zm53g11.s1 Stratagene fibroblast (#937212) Homo sapiens cDNA clone 529412 3'
OST4254	gb W54737	2.4e-82	10%	Mus musculus md10a04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 367950 5'
OST4258	gb AA013789	4.3e-169	90%	Mus musculus mh13d03.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 442373 5' similar to PIR:JC2472 JC2472 RE protein - human
OST4281	gb U16175	4.0e-40	63%	Mus musculus Mus musculus thrombospondin 3 (Thbs3) gene, partial cds and mucin 1 (Muc1) gene, complete cds
OST4283	gb AA007519	8.9e-52	81%	Homo sapiens zh98e12.r1 Soares fetal liver spleen 1NFLS S1 Homo sapiens cDNA clone 429358 5'
OST4288	gb AA000024	1.4e-135	96%	Mus musculus mg33e06.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 425602 5' similar to gb:X03920_rna2 M. musculus GSHPx gene (MOUSE)
OST4315	gb M18210	6.4e-62	96%	Mus musculus Mouse transcription factor S-II, clone PSII-3
OST4319	gb J04696	2.0e-127	95%	Mus musculus Mouse glutathione S-transferase class mu (GST5-5) mRNA, complete cds

FIG. 8o